

Census of Agriculture 2017-2018

Ghana Statistical Service, Ministry of Food and Agriculture, Statistics Research and Information Directorate

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Identification

SURVEY ID NUMBER

GHA_2018_CA_v01_M_v01_A_ESS

TITLE

Census of Agriculture 2017-2018

ABBREVIATION OR ACRONYM

CA 2017-18

COUNTRY

Name	Country code
Ghana	GHA

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

The first Ghana Census of Agriculture was carried out in 1950, followed by the censuses conducted in 1964, 1970 and 1984. The Ghana Census of Agriculture 2017/2018 is the fifth agricultural census conducted in the country and the first to include agricultural institutions (holders that are juridical persons).

ABSTRACT

The Ghana Census of Agriculture 2017/2018 provides benchmark data for planning and monitoring the national development agenda-the Coordinated Programme of Economic and Social Development Policies 2017-2024 and the Medium-Term National Development Policy Framework 2018-2021. The census will help policymakers set targets to assess progress towards the attainment of the Sustainable Development Goals (SDGs) and the African Union Agenda 2063. Additionally, census data will enhance the understanding of the effectiveness of the various agricultural interventions and other national policy initiatives.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The census scope covered agricultural activities (crops and livestock production) of the holding, as well as forestry and aquaculture practices, and fish capturing. The census also covered non-traditional agriculture production such as mushroom and beekeeping etc.

The core module household questionnaire collected information on:

1. Socio-economic characteristics of household members
2. Holder information
3. Types of arable crops on field (plot)
4. Livestock
5. Aquaculture
6. Forestry
7. Capture fisheries (marine & inland fishing)
8. Types of tree crops on field (plot)
9. Bee keeping

The core module institutional / commercial questionnaire collected information on:

1. General characteristics
2. Organisational information

3. Types of crops on plot
4. Livestock
5. Aquaculture
6. Forestry
7. Capture fisheries (marine & inland fishing)
8. Types of tree crops on field (plot)
9. Bee keeping

The community questionnaire collected information on:

1. Identification
2. List of community/locality focus group members
3. socio-economic conditions
4. Agro-ecological, topographical, soil types and natural disasters
5. Basic infrastructure
6. School infrastructure and training centers
7. Health facilities
8. Social facilities
9. Socio-economic infrastructure
10. Existence of media/communication networks
11. Natural resources of the community
12. Socio-economic associations/organisations
13. Key challenges to agricultural production and marketing
14. Units of measurement

KEYWORDS

Keyword
Structure of Agriculture
Land use
Crops
Livestock and Poultry
Forestry
Aquaculture

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical units for the Ghana Census of Agriculture 2017/2018 were agricultural households and institutions (juridical persons) engaged in agriculture. An agricultural household is defined as a household with at least one of its members engaged in agricultural activity. An agricultural institution (juridical person) is defined as a non-household entity engaged in commercial or non-commercial agricultural activities.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Ghana Statistical Service
Ministry of Food and Agriculture, Statistics Research and Information Directorate

PRODUCERS

Name	Role
Food and Agriculture Organization of the United Nations	Technical and financial support
World Bank Group	Technical and financial support
Government of the Netherlands	Technical and financial support
Department for International Development of the United Kingdom	Technical and financial support
Monitoring, Evaluation and Technical Support Services of USAID	Logistical support

Sampling

SAMPLING PROCEDURE

The census frame of the Ghana Census of Agriculture 2017/2018 was made of the enumeration areas (EAs) identified for the Population and Housing Census 2010. All households and institutions engaged in agriculture were identified and enumerated. A listing exercise was conducted prior to the enumeration of agricultural holdings to identify all households and institutions engaged in agriculture. The census was a complete enumeration of all agricultural households and institutions from the frame.

Data collection

DATES OF DATA COLLECTION

Start	End
2018-04	2018-12

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

After the district level training, 4914 field officers were selected. The selected field officers were divided into 819 field teams constituting of five enumerators and one supervisor each, and they were deployed to the field.

The Ghana Census of Agriculture 2017/2018 used an electronic questionnaire where interviews with CAPI were used in the collection of data on households and institutions engaged in agricultural activities.

The data collection was conducted in two phases:

- Phase 1 involved the listing of all structures to identify all agricultural households and institutions engaged in agriculture
- Phase 2 consisted of the administration of the core and community modules, as well as of the collection of data on the characteristics of holders and holdings of individuals and institutions, and their agricultural activities. The community level information was collected through a focus group discussion using a structured pre-coded community questionnaire.

QUALITY ASSURANCE

All the questionnaires were pre-tested and piloted during the development process to assess the suitability of the questions and instructions, the adequacy and completeness of the questions, the respondents' understanding of the questions, and the procedures and methods of the field work.

Appropriate procedures and controls were put in place during the data collection to ensure that data from the census were of high quality. The National Census Secretariat, under the authority of the Ghana Statistical Service and the Ministry of Food and Agriculture, constituted five groups of field monitors:

- Steering Committee
- Technical Committee
- Data Processing/Information Technology team
- Regional Management Committees
- Independent monitors

The monitoring was accomplished using well-structured monitoring guidelines developed by the National Census Secretariat. Each monitoring group visited areas assigned to them to ensure that:

- all EAs were covered
- the publicity campaign was effective
- field logistics were adequate
- tablets were functioning
- data collection applications were updated regularly
- supervisors were on the field with their enumerators and performing their assigned roles

questionnaires

QUESTIONNAIRES

The Ghana Census of Agriculture 2017/2018 used four types of questionnaires for the core and community modules:

- listing questionnaire, used for listing all structures, households, and institutions in the country
- core module household questionnaire
- core module institutional questionnaire
- community module questionnaire

The questionnaires covered 19 out of the 23 essential items recommended in the WCA 2020.

data_processing

DATA EDITING

The Census and Survey Processing (CSPPro) System software was used for data processing.

Access policy

CONTACTS

Name	Email	URL
Ghana Statistical Service	info@statsghana.gov.gh	Link

ACCESS CONDITIONS

For data access and use information please contact the Ghana Statistical Service.

Email: info@statsghana.gov.gh

Website: <https://statsghana.gov.gh/>

Metadata production

DDI DOCUMENT ID

DDI_GHA_2018_CA_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Ghana Statistical Service			Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM
Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library

DDI DOCUMENT VERSION

Identical to a metadata (GHA_2017_2018_CA_v01_M_v01_A_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

data_dictionary

Data file	Cases	variables
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study_resources